

**DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION  
JOB OPPORTUNITY  
RADIATION CONTROL PHYSICIST**

**PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!**

**Open To:** The Public

**Location:** Bureau of Air Management, Radiation Division, Hartford CT.

**Position#:** 111970

**Type of Position:** Permanent, full-time

**Annual Salary:** \$58,928 (ES23, step1)

**Closing Date:** Until filled

**Eligibility Requirement:**

***CANDIDATES WHOSE EXPERIENCE AND TRAINING MEET THE PREFERRED CRITERIA, GENERAL EXPERIENCE, APPLICABLE EDUCATIONAL SUBSTITUTION, AND OTHER REQUIREMENTS BELOW MAY APPLY, PURSUANT TO CGS 5-227b.***

State employees currently holding the above title or those who have previously attained permanent status may apply for lateral transfer.

**Description of Duties:**

Responsibility for independently performing specialized inspections and environmental studies where sources of ionizing radiation are used to evaluate compliance with state and federal regulations.

Examples of duties include radioactive material registrations and inspections and performing related laboratory work; responds to events involving radioactive material, investigates complaints concerning exposure to ionizing radiation; conducts complex investigations, surveys, and studies pertaining to control of radioactive material; performs detailed radiation monitoring tests of air, water, and other materials to establish background data for the appraisal of effects produced by radiation facilities; maintains and calibrates radiation detection equipment to assure proper working order. Conducts and oversees remediation of radiological contamination of facilities. Uses software tools to predict radiological consequences of normal operations, events, and emergencies at facilities using radioactive material. Acts as radiation operations support specialist supporting other response organizations. Additionally, the position requires the assessment of radiation protection practices, preparation of technical reports, and responding to incidents and accidents involving sources of ionizing and non-ionizing radiation.

**Preferred Criteria:**

- Broad knowledge of State, Federal, and Interstate regulations and codes relating to ionizing and non-ionizing radiation;
- Skilled in the use and calibration of radiation detecting instruments;
- Demonstrates consistent commitment to maintaining technical knowledge;
- Works well independently and contributes to team effort, as well as strong written and oral communication skill;
- Knowledge of health and accident hazards associated with ionizing and non-ionizing radiation;
- Ability to recognize, evaluate, and control hazardous environmental contamination by ionizing radiation and radioactive substances.
- Ability to use software modelling programs to predict and assess the potential consequences of radiological events and emergencies.

**General Experience:**

Six (6) years of experience in the recognition, evaluation and/or control of potential occupational or environmental health hazards involving the use, manufacture, possession, transportation or disposal of sources of ionizing or non-ionizing radiation or radioactive substances.

**Educational Substitution:**

College training in radiation science, physics, physical science, biological science or nuclear engineering may be substituted for the General Experience on the basis of fifteen (15) semester hours equaling one-half (1/2) year of experience to a maximum of four (4) years for a Bachelor's degree.

A Master's degree in radiation science, physics, physical science, biological science, or nuclear engineering may be substituted for one (1) additional year of the General Experience.

**Special Requirement:**

Incumbents in this class may be required to travel, possess, and retain a valid Motor Vehicle Operator's license.

During employment in this class, incumbents will be required to receive and retain approval for unescorted access to nuclear facilities.

Incumbents in this class are required to meet medical requirements and maintain qualification for respiratory protection.

**Working Conditions:**

Incumbent may have significant exposure to ionizing radiation, toxic chemicals, and fumes.

**Note:** The filling of this position will be in accordance with reemployment, SEBAC, transfer, promotion, and merit employment rules, if applicable.

**Application Instructions:** Interested and qualified candidates who meet the above requirements must submit a cover letter, a resume, and a ([CT-HR-12 form](#)) Application for Employment. Current state employees must also include copies of their two most recent performance appraisals (**Incomplete packages will not be considered**).

**Application packages can be submitted by mail or email to:**

**Department of Energy and Environmental Protection  
Human Resources Division  
79 Elm Street  
Hartford, CT 06106-5127  
Attn: Ana Natal  
Telephone: (860) 424-3006  
Fax: (860) 424-3896  
[ana.natal@ct.gov](mailto:ana.natal@ct.gov)**

**AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER**

The Connecticut Department of Energy and Environmental Protection is an Affirmative Action and Equal Opportunity Employer that is committed to complying with the Americans with Disabilities Act. To request an accommodation contact us at (860) 418-5910 or [deep.accommodations@ct.gov](mailto:deep.accommodations@ct.gov)